



designed to be different

Product specification Diablo Next RCE *)

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|--|---|---------------|-----------------|-------|
| Model name | Diablo Next RCE | | | |
| Description | Free hanging balanced flue gas fire with three sided fire view, needing very few space. Several interiors available. Several colours available. | | | |
| Purpose | Balanced flue fire | | | |
| Type of appliance | Free hanging fire | | | |
| Type of combustion | Closed combustion (C ₁₁ C ₃₁ C ₉₁) | | | |
| Gas | Natural gas G20, G25.3 or G25 and propane G31. Conversion from natural gas to propane, vice versa, not possible. | | | |
| Flame picture | Yellow log fire | | | |
| Sizes | Diablo: WxHxD = 541x657x367mm Decorative flue cover: WxHxD = 240x1500 ... 1850x283mm | | | |
| Flue spigot | Ø150/100, top side | | | |
| Removal of combustion products | Natural draught. Powervent® not possible. | | | |
| Flueing possibilities with wall terminal | gas | min. vertical | max. horizontal | notes |
| | natural gas | 1.0m | 5.0m | |
| | propane | 1.0m | 5.0m | |
| Removal of heat | Natural convection | | | |
| Control | RCE = Mertik GV60-system. Either manual or thermostatic modulating control, by means of temperature sensor on RC control. Remote control includes clock function with day program (on/off twice a day) and automatic night set back. | | | |
| Operation | <ul style="list-style-type: none"> - Radiographic remote control 433MHz, battery operated (sender 1x9V, receiver 4x battery AA) - Wired, with house management system | | | |
| Ignition | Electronic ignition on pilot burner | | | |
| Electrical connection | No 230VAC connection needed | | | |
| Gas connection | Ø15 fitting with compression nut (adapter supplied in carton box) | | | |
| Safety | Second thermocouple checks ignition and cross lighting of main burner | | | |
| Accessories and options | <ul style="list-style-type: none"> - Decorative flue cover, in colour of appliance - Flue pipes, in colour of appliance - Mains adapter 230VAC to 6VDC - Connection cable house management system for Mertik GV60 | | | |
| Weight | Engine: 38kg Casing: 15kg | | | |
| Including | Wood logs, remote control, batteries, socket wrench no 8 (removal of window glass), and connector 3/8" male/Ø15 compression nut | | | |
| Special features | <ul style="list-style-type: none"> - The appliance needs visually very few space - Vario burner | | | |
| CE-ID (PIN) | 0063BO3230 | | | |

*) Consult installation manual for the details.



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| Gas type: | G25 | G25.3 | G20 | G31 | Unit |
|------------------------------------|------------|--------------|------------|------------|-------------|
| Maximum output | 3,8 | 3,8 | 4,1 | 3,8 | kW |
| Minimum output | 1,5 | 1,5 | 1,6 | 1,6 | kW |
| Input rating (Hs) | 5,5 | 5,5 | 5,9 | 5,6 | kW |
| Gas usage high | 595 | 595 | 558 | 203 | l/h |
| Gas usage low | 270 | 270 | 263 | 100 | l/h |
| Fluegas Temperature (12m vertical) | 418 | 418 | 422 | 429 | °C |
| CO2 (12m vertical) | 3,95 | 3,95 | 3,75 | 4,60 | % |
| Fluegas flow (12m vertical) | 4,65 | 4,65 | 5,35 | 4,84 | gr/sec |
| Min. draught required | 5 | 5 | 5 | 5 | Pa |
| Efficiency class (acc to EN613) | 2 | 2 | 2 | 2 | |
| NOx class (acc to EN613) | 4 | 4 | 4 | 5 | |
| Efficiency (system efficiency) | 93,0 | 93,0 | 92,6 | 93,5 | % |
| Energy Efficiency Index | 93 | 93 | 93 | 94 | |
| Energie Efficiency Class | A | A | A | A | |

Modification review

| Date | Nature of modification |
|------------|---|
| 02-04-2014 | New specification |
| 23-11-2016 | Propane G31 added, adjusted weight engine |
| 25-10-2017 | NOx class added |
| 26-10-2017 | Update of gas technical specifications |
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